Journal of Wind Engineering and Industrial Aerodynamics, 40 (1992) 341–342
Elsevier

Journal of Wind Engineering and Industrial Aerodynamics

Contents Volume 40 (1992)

Vol. 40 No. 1

Control of wind-induced tall building vibration by tuned mass dampers
Y.L. Xu, K.C.S. Kwok and B. Samali (Sydney, Australia) 1
The effect of tuned mass dampers and liquid dampers on cross-wind response of tall/slender structures
Y.L. Xu, K.C.S. Kwok and B. Samali (Sydney, Australia) 33
Aerodynamics of bicycle wheel and frame
M.M. Zdravkovich (Salford, UK) 55
On Parkinson's tolerant wind tunnel for circular cylinders
M.M. Zdravkovich (Salford, UK) 71
Interference in the wake of two square-section cylinders arranged perpendicular to each other
T.A. Fox (Queensland, Australia) 75
Case studies of the atmospheric boundary layer structure over sea ice for weakly unstable conditions
M. Myrhaug (Trondheim, Norway) 93

Announcement 101

Vol. 40 No. 2

Measurement of forces and base overturning moments on the CAARC tall building model in a simulated atmospheric boundary layer
E.D. Obasaju (Teddington, UK) 103
Numerical simulation and optimization of the aerodynamics flow field inside fume cupboards
F. Durst and J.C.F. Pereira (Lisbon, Portugal) 127
Aerodynamic drag reduction of goods trains
S. Watkins, J.W. Saunders and H. Kumar (Melbourne, Australia) 147
Fluctuating lift and its spanwise correlation on a circular cylinder in a smooth and in a turbulent flow: a critical review
J.L.D. Ribeiro (Porto Alegre, Brazil) 179
Wind pressures on a hemispherical dome
T.J. Taylor (Clayton, Australia) 199
Configuration criteria for a blockdage-tolerant wind tunnel
G.V. Parkinson, L. Kong (Vancouver, Canada) and N.J. Cook (Watford, UK) 215

Announcement 221
Book Review 223

Vol. 40 No. 3

Recent observations in bridge deck aeroelasticity
T. Kumarasena (Timonium, USA), R.H. Scanlan and F. Ehsan (Baltimore, USA) 225
An experimental technique for distribution of dynamic wind loads on tall buildings
H.F. Cheong, T. Balendra, Y.T. Chew, T.S. Lee and S.L. Lee (Singapore) 249
Frequency response requirements for fluctuating wind pressure measurements

0167-6105/92/$05.00 © 1992 Elsevier Science Publishers B.V. All rights reserved.

C.W. Letchford (Queensland, Australia), P. Sandri, M.L. Levitan and K.C. Mehta (Lubbock, USA) 263
On the torque mechanism of Savonius rotors
N. Fujisawa (Kiryu, Japan) 277
Ventilation of small factory units
B. Fletcher and A.E. Johnson (Sheffield, UK) 293

Preface to the first Kit Scruton lecture 1990 (pp. 307–336)
R.I. Harris (Cranfield, UK) 307
Programme of the first Kit Screton lecture 1990 309
The Scruton memorial lecture
A.R. Flint (London, UK) 311
Bridge aerodynamics 50 years after Tacoma Narrows – part I: The Tacoma Narrows failure and after
T.A. Wyatt (South Croydon, UK) 317
Bridge aerodynamics 50 years after Tacoma Narrows – part II: A new discipline world-wide
D.E. Walshe (Sheringwood, UK) and T.A. Wyatt (South Croydon, UK) 327

Announcement 337
Author Index 339
Contents of Volume 40 341